

In the Claims

1-23 (previously cancelled).

24 (original). A plant microspore comprising a mixed duplex oligonucleotide.

25-27 (previously cancelled).

28 (previously addcd). The plant microspore composition of Claim 24 wherein the plant is a member of the family Brassicaceae.

29 (currently amended). The plant microspore composition of Claim 28 wherein the plant microspore is a *Brassica napus*, *Brassica rapa*, *Brassica oleracea* or a *Brasica Juncea* *Brassica juncea* microspore.

30 (previously amended). A mutated plant microspore which comprises a genomic mutation wherein the genomic mutation was accomplished by introducing a mixed duplex oligonucleotide into the plant microspore.

31 (previously added). The mutated plant microspore of Claim 30 wherein the microspore is from a plant of the family Brassicacaea.

32 (currently amended). The mutated plant microspore of Claim 31 wherein the plant microspore is a *Brassica napus*, *Brassica rapa*, *Brassica oleracea* and or *Brasica* *Brassica juncea* microspore.

33 (new). An isolated plant microspore which comprises a genomic mutation wherein the genomic mutation was accomplished by introducing a mixed duplex oligonucleotide into the plant microspore.

34 (new). The isolated plant microspore of Claim 33 wherein the microspore is from a plant of the family Brassicaceae.

35 (new): The isolated plant microspore of Claim 34 wherein the plant microspore is a *Brassica napus*, *Brassica rapa*, *Brassica oleracea* or a *Brassica juncea* microspore.

36 (new). The isolated plant microspore of Claim 33 wherein the microspore is regenerated into a plant that contains the genomic mutation.

37 (new). A plant regenerated from an isolated microspore of Claim 33 and progeny thereof.

38 (new). A seed which is derived from the regenerated plant of Claim 37.